AMENDMENTS TO THE CLAIMS

1. (Previously presented) A process for producing a packaging composed of a thermoformable film composed of thermoplastic polyolefins, via thermoforming, where, after thermoforming, the film has an improved heat distortion temperature and a high water-vapor barrier, which comprises using, in the thermoformable film, an amount in the range of from 20 to 80 % by weight, based on the total weight of polyolefins, of COC with a glass transition temperature Tg in the range from 65 to 200°C, measured to DIN EN ISO 11357-1 with the aid of a DSC at a heating rate of 10 K/min, and which comprises producing therefrom, via thermoforming at a temperature in the range from 70 to 170°C a packaging whose heat distortion temperature is in the range from 60 to 200°C.

2. (Previously Presented) The process as claimed in claim 1, wherein the COC has an average molar mass, expressed as Mw, in the range from 500 to 2 000 000 g/mol.

3. (Previously Presented) The process as claimed in claim 1, wherein the COC has a viscosity number to DIN 53 728 in the range from 5 to 5000 ml/g.

4. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film is a monofilm or a multilayer film and has a total thickness in the range from 5 to 2000 μm.

Claims 5 and 6 (Cancelled)

7. (Previously Presented) The process as claimed in claim 1, wherein the COC has a glass transition temperature Tg in the range from 85 to 200°C and wherein the process comprises, where appropriate, a mixture of COCs with different Tg.

8. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film comprises, as other polyolefins, high- or low-density polyethylenes (HDPE, LDPE, LLDPE), ethylene-vinyl acetate copolymer, ionomer, polypropylene, olefin copolymers, plastomers, or a mixture of these.

9. (Previously Presented) The process as claimed in claim 1, wherein the thermoformable film comprises up to 40 % by weight of cut film arising during the production process in the form of regrind.

10. (Previously presented) A packaging, produced by a process as claimed in claim 1, which, after thermoforming of the thermoformable film, has a heat distortion temperature in the range from 60 to 200°C.

11. (Original) The packaging as claimed in claim 10, which is a blister pack.

12. (Previously Presented) The process as claimed in claim 1, wherein said thermoforming at a temperature in the range from 80 to 160°C, a packaging whose heat distortion temperature is in the range from 110 to 180°C.

13. (Previously Presented) The process as claimed in claim 1, wherein the COC has an average molar mass, expressed as Mw, in the range from 3000 to 500 000 g/mol.

14. (Previously Presented) The process as claimed in claim 2, wherein the COC has a viscosity number to DIN 53 728 in the range from 5 to 1000 ml/g.

15. (Previously Presented) The process as claimed in 14, wherein the thermoformable film is a monofilm or a multilayer film and has a total thickness in the range from 200 to 400 μm.

16. (Cancelled)

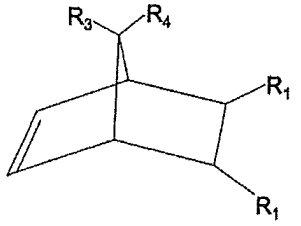
17. (Previously Presented) The process of claim 1, wherein the COC has a glass transition temperature Tg in the range from 120 to 190°C, and wherein the process optionally comprises a mixture of COCs with different Tg.

18. (Previously Presented) A packaging, produced by a process as claimed in claim 17, which, after thermoforming of the thermoformable film, has a heat distortion temperature in the range from 110 to 180°C.

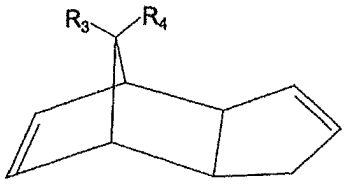
Claims 19-21 (Cancelled)

22. (Previously Presented) The process of claim 1, wherein said COC is used in said thermoformable film in an amount in the range of from 25 to 80 % by weight, based on the total weight of polyolefins.

23. (Previously Presented) The process of claim 1, wherein said COC contains, based on the total weight of the COC, from 0.1 to 100.0 % by weight of polymerized units which derive from at least one polycyclic olefin of formulae (I), (II), (II'), (III), (IV), (V), or (VI)



(I)



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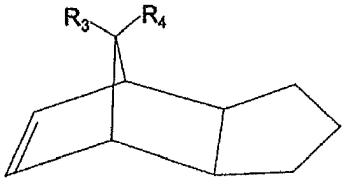
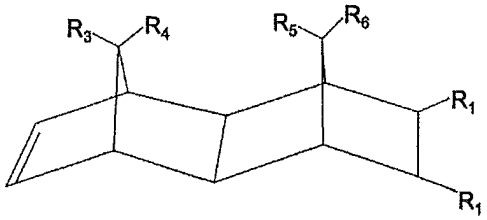


(II')



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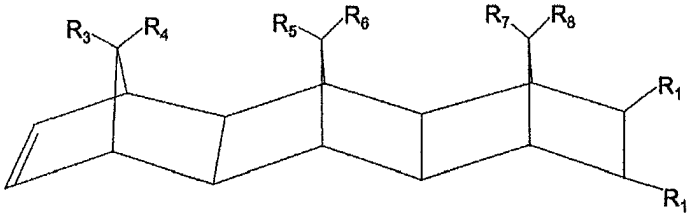

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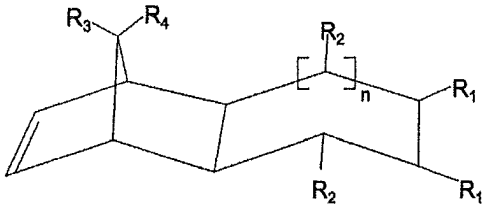

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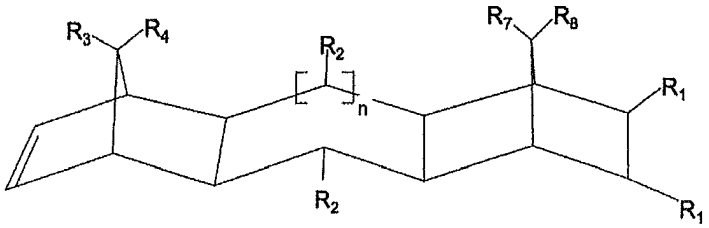


(VI)

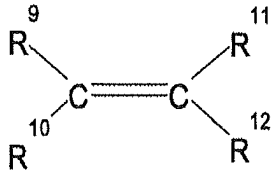
wherein

R_1, R_2, R_3, R_4, R_5, R_6, R_7, and R_8

are, identically or differently, a hydrogen atom or a C1-C20 hydrocarbon radical, or form a saturated, unsaturated or aromatic ring, and wherein identical radicals R_1, R_2, R_3, R_4, R_5, R_6, R_7, and R_8 in the various formulae (I), (II), (III), (IV), (V), and (VI) have a different meaning; and

n is an integer from 0 to 5.

24. (Previously Presented) The process of claim 1, wherein said COC contains, based on the total weight of the COC, from 0.1 to 99.9 % by weight, based on the total weight of the COC, of polymerized units which derive from one or more acyclic olefins of formula (VII)



(VII)

wherein

R^9, R^{10}, R^{11}, and R^{12} are, identically or differently, hydrogen atom or a linear or branched, saturated or unsaturated C1-C20 hydrocarbon radical.

25. (New) The process of claim 23, wherein the C1-C20 hydrocarbon radical for formulae (I), (II), (II'), (III), (IV), (V), or (VI) is a linear or branched C1-C8 alkyl radical, a linear or branched C6-C18-aryl radical, a linear or branched C7-C20 alkylenearyl radical, or a cyclic or acyclic C2-C20 alkenyl radical.

26. (New) The process of claim 24, wherein the C1-C20 hydrocarbon radical for formulae (VII) is a linear, branched, saturated or unsaturated C1-C8-alkyl radical or a C6-C18-aryl radical.